| Ref<br># | Hits | Search Query   | DBs                | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--|--------------------|---------------------|---------|------------------|
| S2 -     | 3020 | branch near3 target  | US-PGPUB;<br>USPAT | OR                  | OFF     | 2004/11/12 09:16 |
| S3       | 480  | S2 and ((stall near2 (bit or field)) or (prefetch near2 (bit or field)) or (memory near2 line))  | US-PGPUB;<br>USPAT | OR .                | OFF     | 2004/11/12 09:19 |
| S4       | 31   | S2 and ((stall near2 (bit or field)))  | US-PGPUB;<br>USPAT | OR                  | OFF     | 2004/11/12 09:19 |
| S6       | 242  | (712/237).CCLS.  | US-PGPUB;<br>USPAT | OR                  | OFF     | 2004/11/16 17:28 |
| S7       | 94   | S6 and ((memory near2 line\$1) or (boundary or boundaries))  | US-PGPUB;<br>USPAT | OR                  | OFF     | 2004/11/12 09:30 |
| S8       | 55   | S2 same (cross\$3 near3<br>(boundar\$3 or line\$1))  | US-PGPUB;<br>USPAT | OR ·                | OFF     | 2004/11/12 11:18 |
| S9       | 714  | branch same (cross\$3 near3<br>(boundar\$3 or line\$1))  | US-PGPUB;<br>USPAT | OR                  | OFF     | 2004/11/12 11:19 |
| S10      | 393  | branch with (cross\$3 near3 (boundar\$3 or line\$1))   | US-PGPUB;<br>USPAT | OR                  | OFF     | 2004/11/12 11:19 |
| S11      | 111  | (branch with (cross\$3 near3<br>(boundar\$3 or line\$1))) and<br>(processor or instruction)  | US-PGPUB;<br>USPAT | OR                  | OFF     | 2004/11/12 11:19 |
| S12      | 69   | S11 not (S7 or S8)   | US-PGPUB;<br>USPAT | OR                  | OFF     | 2004/11/12 11:21 |
| S13      | 102  | S9 and (fetch\$3 or prefetch\$3)   | US-PGPUB;<br>USPAT | OR                  | OFF     | 2004/11/12 11:25 |
| S14      | 1635 | (fetch\$3 or prefetch\$3) same<br>(instruction\$1 or branch or<br>target\$1) same (memory near2 line<br>or boundary or cross\$3)       | US-PGPUB;<br>USPAT | OR                  | OFF     | 2004/11/12 11:27 |
| S15      | 160  | (fetch\$3 or prefetch\$3) same<br>(instruction\$1 or branch or<br>target\$1) same (((memory near2<br>line) or boundary) with cross\$3) | US-PGPUB;<br>USPAT | OR                  | OFF     | 2004/11/12 11:27 |
| S16      | 18   | S15 and vliw   | US-PGPUB;<br>USPAT | OR                  | OFF     | 2004/11/12 11:32 |
| S17      | 228  | (712/24).CCLS.   | US-PGPUB;<br>USPAT | OR                  | OFF     | 2004/11/12 11:33 |
| S18      | 15   | S17 and ((fetch\$3 or prefetch\$3) with (branch near3 target\$1))  | US-PGPUB;<br>USPAT | OR                  | OFF     | 2004/11/12 11:39 |
| S19      | 60   | (stall near2 (bit or bits or field\$1 or flag\$1)) and (branch near2 target) and (fetch\$3)  | US-PGPUB;<br>USPAT | OR                  | OFF     | 2004/11/12 11:41 |
| S20      | 9    | (stall near2 (bit or bits or field\$1 or flag\$1)) same (branch near2 target) same (fetch\$3 or prefetch\$3)                           | US-PGPUB;<br>USPAT | OR .                | OFF     | 2004/11/12 11:43 |

|     |     |   |                              | ,  |      |                  |
|-----|-----|---|------------------------------|----|------|------------------|
| S21 | 9   | (stall\$3 near2 (bit or bits or field\$1 or flag\$1)) same (branch near2 target) same (fetch\$3 or prefetch\$3)   | US-PGPUB;<br>USPAT           | OR | OFF  | 2004/11/12 11:44 |
| S22 | 192 | (stall\$3) same (branch near2<br>target) same (fetch\$3 or<br>prefetch\$3)  | US-PGPUB;<br>USPAT           | OR | OFF  | 2004/11/12 11:44 |
| S23 | 128 | (stall\$3) same (branch near2 target) with (fetch\$3 or prefetch\$3)  | US-PGPUB;<br>USPAT           | OR | OFF. | 2004/11/12 13:13 |
| S24 | 3   | ((branch near2 target) with<br>(prefetch\$3)) same (unaligned or<br>odd or misaligned)  | US-PGPUB;<br>USPAT           | OR | OFF  | 2004/11/12 13:17 |
| S25 | 2   | ("5729727").URPN.   | USPAT                        | OR | OFF  | 2004/11/12 13:27 |
| S26 | 6   | ("4488227"   "4933841"  <br>"5034880"   "5088030"   "5148532"<br>  "5526498").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF  | 2004/11/12 13:34 |
| S27 | 72  | ((header or predecode or align\$4 or prefix) near3 (field or bit or bits of flag\$1)) same (pad or padded or padding) same (counter\$1 or pointer\$1)                   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF  | 2004/11/12 13:41 |
| S28 | 22  | (((header or predecode or align\$4 or prefix) near3 (field or bit or bits of flag\$1)) with instruction) and (pad or padded or padding) same (counter\$1 or pointer\$1) | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF  | 2004/11/12 13:54 |
| S29 | 95  | ((bit or field or bits or flags) same<br>((boundary or line or memory) with<br>cross\$3)) and vliw  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF  | 2004/11/12 14:15 |
| S30 | 25  | (fetch\$3 or prefetch\$3) and<br>((header or predecode or prefix or<br>(bit near2 field)) with \$3align\$4)<br>and vliw   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF  | 2004/11/12 14:21 |
| S31 | 6   | (fetch\$3 or prefetch\$3) same<br>((header or predecode or prefix or<br>(bit near2 field)) with \$3align\$4)<br>and vliw  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF  | 2004/11/12 14:25 |
| S32 | 162 | (branch near2 target) with (cross\$3<br>or odd or misalign\$4 or unalign\$4<br>or align\$4)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF  | 2004/11/12 14:26 |
| S33 | 87  | (branch near2 target) with (cross\$3 or odd or misalign\$4 or unalign\$4)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF  | 2004/11/12 14:29 |
| S34 | 61  | (branch near2 target) with (cross\$3)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF  | 2004/11/12 14:30 |
| S35 | 71  | (branch near2 target) with (cross\$3 or overlap\$4)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF  | 2004/11/12 14:32 |

| S52   | 130     | S51 and ((branch near2 target) or (cross\$3 near3 (boundary or line)))  | US-PGPUB;<br>USPAT           | OR   | OFF | 2004/11/12 16:57   |
|-------|---------|---|------------------------------|------|-----|--------------------|
| S53   | 17      | S51 and ((branch near2 target) and (cross\$3 near3 (boundary or line)))   | US-PGPUB;<br>USPAT           | OR   | OFF | 2004/11/12 17:14   |
| S54 · | 1       | ((update or move or skip or<br>forward) near2 ((program near1<br>counter) or (instruction near1<br>pointer))) with (pad or padded or<br>padding)  | US-PGPUB;<br>USPAT           | OR   | OFF | 2004/11/12 17:15   |
| S55   | 1       | ((update or move or skip or<br>forward) near2 ((program near1<br>counter) or (instruction near1<br>pointer))) same (pad or padded or<br>padding)  | US-PGPUB;<br>USPAT           | OR   | OFF | 2004/11/12 17:15   |
| S56   | 5       | S41 and ((branch or target) with (cross\$3 near3 (boundar\$3 or line\$1)))  | US-PGPUB;<br>USPAT           | OR   | OFF | 2004/11/12 17:20   |
| S57   | 13      | ("4437149"   "4547849"  <br>"4823286"   "5057837"   "5109523"<br>  "5179680"   "5265258"  <br>"5303357"   "5381531"   "5471593"<br>  "5530817"   "5652852"  <br>"5669001").PN. OR ("6704859").<br>URPN. | US-PGRUB;<br>USPAT;<br>USOCR | OR   | OFF | _2004/11/12_17:26_ |
| S58   | 13      | S57 and (branch or target or cross\$3)  | US-PGPUB;<br>USPAT;<br>USOCR | OR   | OFF | 2004/11/15 09:44   |
| S60   | 182     | prefetch and stall and branch and target and pad\$3   | US-PGPUB;<br>USPAT           | OR   | OFF | 2004/11/15 16:18   |
| S63   | 5       | (("5983336") or ("5634025") or<br>("5881260") or ("6704859") or<br>("6044450")).PN.   | US-PGPUB;<br>USPAT           | OR   | OFF | 2004/11/15 17:26   |
| S65   | 2596930 | prefetch and stall adj3 bit or field or<br>bits   | US-PGPUB;<br>USPAT           | ÖR " | OFF | 2004/11/15 17:27   |
| S66   | 28      | prefetch and (stall adj3 (bit or field or bits))  | US-PGPUB;<br>USPAT           | OR   | OFF | 2004/11/15 17:28   |
| S67   | 4       | prefetch same (stall adj3 (bit or field or bits))   | US-PGPUB;<br>USPAT           | OR   | OFF | 2004/11/15 17:30   |
| S69   | 10      | (fetch\$3 same (stall\$3 adj3 (bit or field or bits))) not S67  | US-PGPUB;<br>USPAT           | OR   | OFF | 2004/11/15 17:35   |
| S70   | 384     | ((stall\$3 adj3 (bit or field or bits)))<br>not S67   | US-PGPUB;<br>USPAT           | OR   | OFF | 2004/11/15 17:36   |
| S71   | 137     | ((stall\$3 adj3 (bit or field or bits)) same instruction) not S67   | US-PGPUB;<br>USPAT           | OR   | OFF | 2004/11/15 17:36   |
| S72   | 133     | ((stall\$3 near3 (bit or field or bits))<br>with instruction) not S67   | US-PGPUB;<br>USPAT           | OR . | OFF | 2004/11/15 17:37   |
| S73   | 10651   | ("712").CLAS.   | US-PGPUB;<br>USPAT           | OR   | OFF | 2004/11/15 17:37   |

| S10<br>2 | 512   | (pad\$4 with (counter or pointer or pc) with (increment\$3 or updat\$3 or increas\$3 or align\$4 or realign\$4))   | US-PGPUB;<br>USPAT;<br>USOCR | OR                                      | OFF | 2004/11/16 17:18 |
|----------|-------|--|------------------------------|---|-----|------------------|
| S10<br>3 | 149   | S102 and (processor or instruction)  | US-PGPUB;<br>USPAT;<br>USOCR | OR                                      | OFF | 2004/11/16 17:17 |
| S10<br>6 | 299   | ((updat\$3 or increas\$3 or increment\$3 or align\$4 or realign\$4) near3 (pointer or counter or pc)) same ((padding or padded or pad) and (bits or bit or field or instruction or line))  | US-PGPUB;<br>USPAT;<br>USOCR | OR                                      | OFF | 2004/11/16 17:26 |
| S10<br>7 | 262   | ((updat\$3 or increas\$3 or increment\$3 or align\$4 or realign\$4) near3 (pointer or counter or pc)) same ((padding or padded or pad) same (bits or bit or field or instruction or line)) | US-PGPUB;<br>USPAT;<br>USOCR | OR                                      | OFF | 2004/11/16 17:27 |
| S10<br>8 | 96320 | ((padding or padded or pad) same<br>(bits or bit or field or instruction or<br>line))  | US-PGPUB;<br>USPAT;<br>USOCR | OR                                      | OFF | 2004/11/16 17:27 |
| S10<br>9 | 80750 | ((updat\$3 or increas\$3 or increment\$3 or align\$4 or  | US-PGPUB;<br>USPAT;          | OR                                      | OFF | 2004/11/16 17:27 |
|          |       | realign\$4) near3 (pointer or counter or pc))  | USOCR                        | 1 to |     |                  |
| S11<br>0 | 262   | S108 same S109   | US-PGPUB;<br>USPAT;<br>USOCR | OR                                      | OFF | 2004/11/16 17:27 |
| S11      | 10662 | ("712").CLAS.  | US-PGPUB;<br>USPAT           | OR                                      | OFF | 2004/11/16 17:28 |
| S11<br>2 | 30    | S110 and S111  | US-PGPUB;<br>USPAT           | OR                                      | OFF | 2004/11/16 17:28 |
| S11<br>3 | 13    | S112 not "scratch pad"   | US-PGPUB;<br>USPAT           | OR                                      | OFF | 2004/11/16 17:28 |
| S11<br>6 | 6     | "418098"   | US-PGPUB;<br>USPAT           | OR                                      | OFF | 2004/11/17 09:26 |
| S11<br>7 | 5467  | keller.in.   | US-PGPUB;<br>USPAT           | OR                                      | OFF | 2004/11/17 09:26 |
| S11<br>8 | 431   | S117 and processor   | US-PGPUB;<br>USPAT           | OR .                                    | OFF | 2004/11/17 11:29 |
| S12<br>3 | 40    | vliw and \$2compress\$3 and ((padd\$3 or pad) adj2 bit\$1)   | US-PGPUB;<br>USPAT           | OR                                      | OFF | 2004/11/18 10:05 |
| S12<br>5 | 14    | ("5819058").URPN.  | USPAT                        | OR                                      | OFF | 2004/11/18 15:53 |
| S12<br>6 | 28    | align\$2 near2 instruction\$1 with (fast\$2 or efficient or better) with (fetch\$3 or decod\$3 or process\$3)  | USPAT                        | OR                                      | OFF | 2004/11/18 16:09 |